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TITLE: Apparatus of transmitting reproduced sound of mp3  
player  
in radio

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ABSTRACTED-PUB-NO: KR2002010350A

BASIC-ABSTRACT:

NOVELTY - An apparatus of transmitting reproduced sound of an MP3 player is provided to radio-transmit an audio signal reproduced by an MP3 player to a car audio device to output sounds through a speaker.

DETAILED DESCRIPTION - An apparatus of transmitting reproduced sound of an MP3 player includes a frequency selector for selecting a frequency for transmitting an audio signal output from a portable MP3 player(100) to the tuner of a car audio device(300), an FM radio frequency converter(210) for FM-converting the audio signal and carrying the FM signal with a radio frequency, and an RF amplifier(212) for amplifying the FM radio frequency signal sent from the FM radio frequency converter. The apparatus further has a band pass filter(214) for extracting electric waves in a desired frequency band from the radio frequency signal output from the amplifier and transmitting the electric waves in radio through an antenna, and a frequency counter(215) for counting frequencies of the signal output from the FM radio frequency converter for a predetermined period of time. The apparatus also has a liquid crystal display(218) for generating liquid crystal display driving data in order to display the counted frequency as digital figures on a liquid crystal display(220), and a constant voltage unit for uniformly maintaining power provided by a car.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: APPARATUS TRANSMIT REPRODUCE SOUND  
PLAY RADIO

DERWENT-CLASS: T03

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